

Claims

1. Method for setting up a connection in a system for mobile telecommunications, wherein the following steps are performed by a first call control node:

- 5 - receiving a call set-up request message comprising an indication of at least two services and an identification of a called party,
- 10 - sending a routing information request message to a database for storing subscriber data, wherein the request comprises an identification of a first of the at least two services, an identification of the called party, and an indication that at least one further routing request message will be sent,
- 15 - receiving a response message from the database,
- 20 - determining that the response message comprises an indication that the database is adapted to process the indication that at least one further routing info request message will be sent,
- 25 - sending a further routing information request message comprising an identification of a further service, and receiving a further response message,
- 30 - analysing the received response messages, and
- 35 - sending or not in dependence of the result of the analysis a call set-up request message to a further call control node.

20 2. Method according to claim 1, wherein the step of sending a further routing information request is repeated until a routing information request message is sent for each service indicated in the call set-up message.

25 3. Method for setting up a connection in a system for mobile telecommunications, wherein the following steps are performed by a database for storing subscriber data:

30 - receiving a routing information request message comprising an identification of a first service, an identification of a called party, and an indication that at least one further routing request message will be sent,

35 - checking subscriber data of the called party,

- determining that the requested service is permitted for a connection to the called party,
 - fetching a number for further setting up of the connection towards the called party,
 - preparing a response message related to the result of the check,
- 5 - sending the response message comprising the number for further setting up and an indication that the database is adapted to process the indication that at least one further routing info request message will be sent.
4. Method according to claim 3, wherein in response to receiving the further routing information request message, the steps of checking, preparing and sending are performed, and wherein a response message is sent that does not comprise a mobile station roaming number.
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5. Method according to any of the preceding claims, wherein the first call control node is a gateway mobile services switching centre, the database is a home location register or a home subscriber server, the number for further setting up is a mobile station roaming number or a forwarded to number, the routing request message is a send routing information message, the response message is a send routing information result message, the call set-up request message is an initial address message and the further call control node is a mobile services switching centre.
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6. Call control node characterised in that it comprises a message generation unit for generating a first routing information request message with an indication of a first service, an identification of a called party and an indicator that at least one further routing request message will be sent, and for generating at least one further routing request message comprising an indication of a second service.
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7. Call control node according to claim 6, wherein the call control node is a gateway mobile services switching centre.
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8. Database for storing subscriber data characterised by comprising a processing unit arranged to process an indication received in a routing information request message,

indicating that at least one further routing request message will be sent, wherein the processing is performed in a way that a mobile station roaming number is fetched and sent only in response to a first routing information request message for a connection and that an indication is returned in said response, indicating that the database is adapted to handle the received indicator.

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9. Database according to claim 9, wherein the database is one of a home location register, an authentication authorisation and accounting server, or a home subscriber server.
10. Software adapted to control a call control node in a way that it executes a method according to claim 1 or 2.
- 10 11. Software adapted to control a database in a way that it executes a method according to claims 3 or 4.